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FIG 1

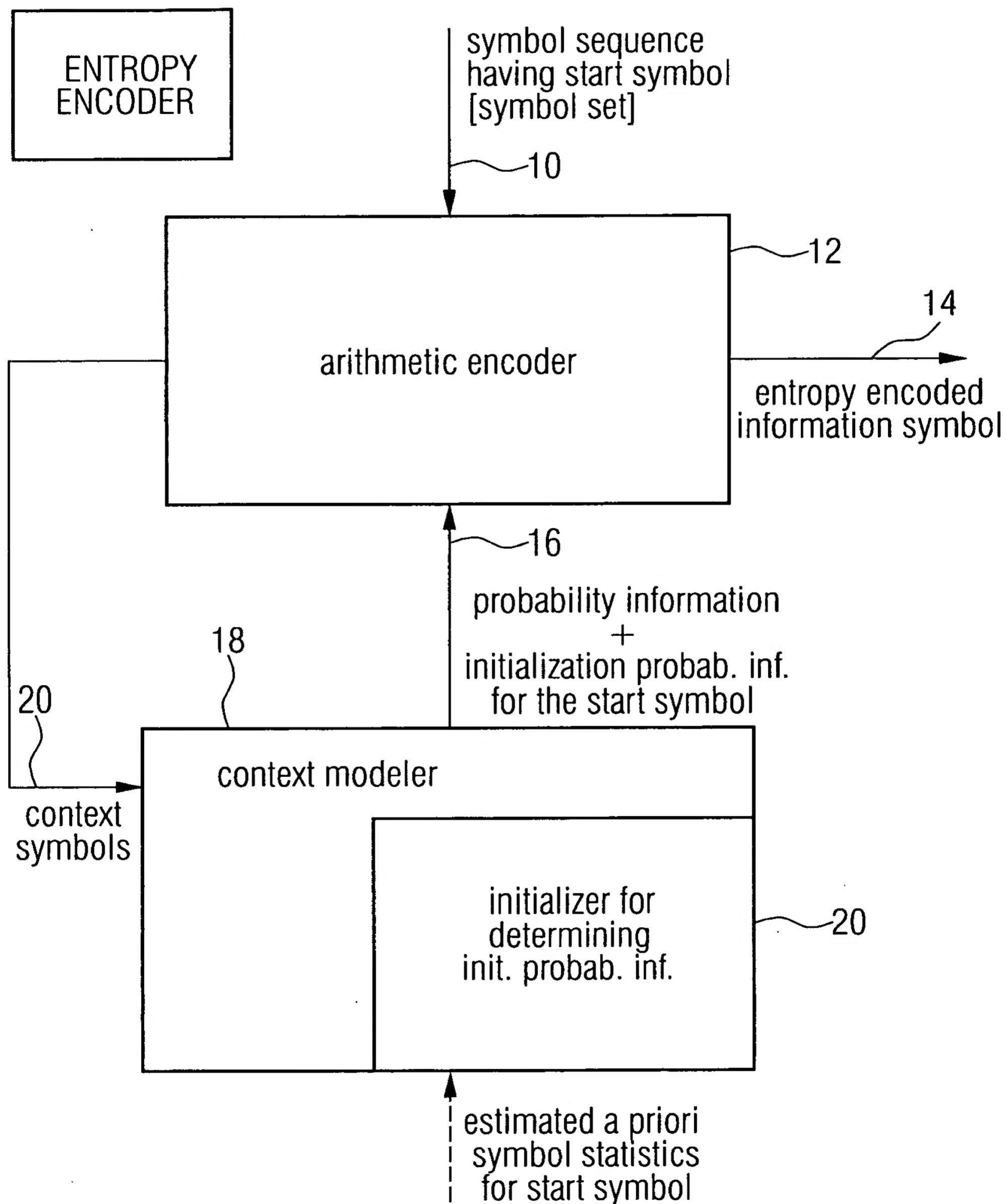
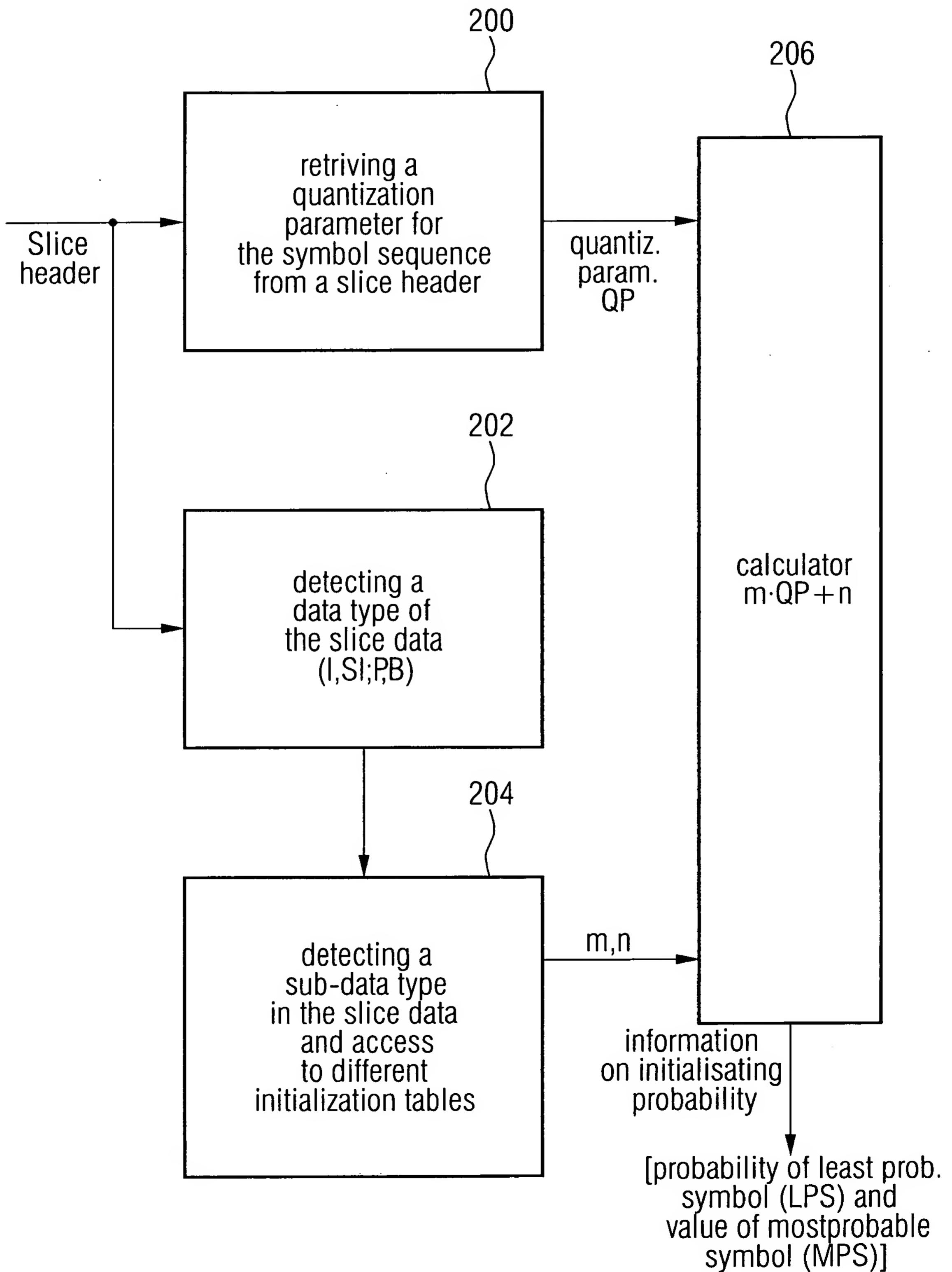




FIG 2

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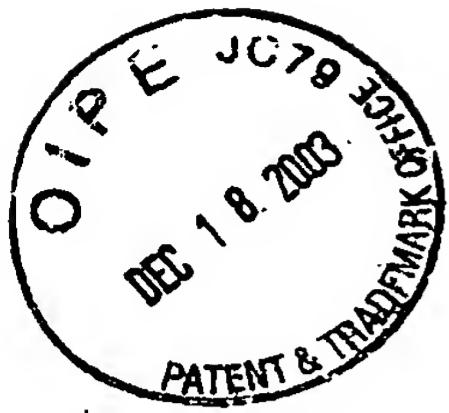


FIG 3

```
preCtxState = max( 1, min( 126, ( ( m*SliceQP ) >> 4 ) + n ) )
if( preCtxState <= 63 ) {
    pStatIdx = 63 - preCtxState
    valMPS   = 0
} else {
    pStatIdx = preCtxState - 64
    valMPS   = 1
}
```

preCtxState : auxiliary variable

m, n : 1st , 2nd table indices (initialization variables)

min : minimum function

SliceQP : Slice quantization parameter

pStatIdx : reference to initialization

probability information table

including probability information

for the least probable symbol (LPS)

valMPS : value of most probable symbol

valLPS : value of least probable symbol



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FIG 4A

| Initialisation variables | ctxIdx | | | | | | | | | | |
|--------------------------|--------|----|----|-----|----|----|-----|-----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| m | 20 | 2 | 3 | 20 | 2 | 3 | -28 | -23 | -6 | -1 | 7 |
| n | -15 | 54 | 74 | -15 | 54 | 74 | 127 | 104 | 53 | 54 | 51 |

Table 1 – Values of variables m and n for ctxIdx from 0 to 10

FIG 4B

| Value of cabac_init_idc | Initialisation variables | ctxIdx | | | | | | | | | | | | |
|-------------------------|--------------------------|--------|----|----|-----|----|-----|----|-----|-----|----|----|-----|----|
| | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 0 | m | 23 | 23 | 21 | 1 | 0 | -37 | 5 | -13 | -11 | 1 | 12 | -4 | 17 |
| | n | 33 | 2 | 0 | 9 | 49 | 118 | 57 | 78 | 65 | 62 | 49 | 73 | 50 |
| 1 | m | 22 | 34 | 16 | -2 | 4 | -29 | 2 | -6 | -13 | 5 | 9 | -3 | 10 |
| | n | 25 | 0 | 0 | 9 | 41 | 118 | 65 | 71 | 79 | 52 | 50 | 70 | 54 |
| 2 | m | 29 | 25 | 14 | -10 | -3 | -27 | 26 | -4 | -24 | 5 | 6 | -17 | 14 |
| | n | 16 | 0 | 0 | 51 | 62 | 99 | 16 | 85 | 102 | 57 | 57 | 73 | 57 |

Table 2 – Values of variables m and n for ctxIdx from 11 to 23

FIG 4C

| Value of cabac_init_idc | Initialisation variables | ctxIdx | | | | | | | | | | | | | | | |
|-------------------------|--------------------------|--------|----|----|----|----|-----|-----|-----|----|-----|-----|----|----|-----|----|----|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 0 | m | 18 | 9 | 29 | 26 | 16 | 9 | -46 | -20 | 1 | -13 | -11 | 1 | -6 | -17 | -6 | 9 |
| | n | 64 | 43 | 0 | 67 | 90 | 104 | 127 | 104 | 67 | 78 | 65 | 62 | 86 | 95 | 61 | 45 |
| 1 | m | 26 | 19 | 40 | 57 | 41 | 26 | -45 | -15 | -4 | -6 | -13 | 5 | 6 | -13 | 0 | 8 |
| | n | 34 | 22 | 0 | 2 | 36 | 69 | 127 | 101 | 76 | 71 | 79 | 52 | 69 | 90 | 52 | 43 |
| 2 | m | 20 | 20 | 29 | 54 | 37 | 12 | -32 | -22 | -2 | -4 | -24 | 5 | -6 | -14 | -6 | 4 |
| | n | 40 | 10 | 0 | 0 | 42 | 97 | 127 | 117 | 74 | 85 | 102 | 57 | 93 | 88 | 44 | 55 |

Table 3 – Values of variables m and n for ctxIdx from 24 to 39



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FIG 4D

| Value of cabac_init_idc | Initialisation variables | ctxIdx | | | | | | | | | | | | | |
|----------------------------|-----------------------------|--------|-----|-----|----|----|----|-----|----|----|-----|----|----|----|-----|
| | | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| 0 | m | -3 | -6 | -11 | 6 | 7 | -5 | 2 | 0 | -3 | -10 | 5 | 4 | -3 | 0 |
| | n | 69 | 81 | 96 | 55 | 67 | 86 | 88 | 58 | 76 | 94 | 54 | 69 | 81 | 88 |
| 1 | m | -2 | -5 | -10 | 2 | 2 | -3 | -3 | 1 | -3 | -6 | 0 | -3 | -7 | -5 |
| | n | 69 | 82 | 96 | 59 | 75 | 87 | 100 | 56 | 74 | 85 | 59 | 81 | 86 | 95 |
| 2 | m | -11 | -15 | -21 | 19 | 20 | 4 | 6 | 1 | -5 | -13 | 5 | 6 | -3 | -1 |
| | n | 89 | 103 | 116 | 57 | 58 | 84 | 96 | 63 | 85 | 106 | 63 | 75 | 90 | 101 |

Table 4 – Values of variables m and n for ctxIdx from 40 to 53

FIG 4E

| Value of cabac_init_idc | Initialisation variables | ctxIdx | | | | | |
|----------------------------|-----------------------------|--------|----|----|-----|----|----|
| | | 54 | 55 | 56 | 57 | 58 | 59 |
| 0 | m | -7 | -5 | -4 | -5 | -7 | 1 |
| | n | 67 | 74 | 74 | 80 | 72 | 58 |
| 1 | m | -1 | -1 | 1 | -2 | -5 | 0 |
| | n | 66 | 77 | 70 | 86 | 72 | 61 |
| 2 | m | 3 | -4 | -2 | -12 | -7 | 1 |
| | n | 55 | 79 | 75 | 97 | 50 | 60 |

Table 5 – Values of variables m and n for ctxIdx from 54 to 59

FIG 4F

| Initialisation variables | ctxIdx | | | | | | | | | |
|-----------------------------|--------|----|----|----|----|----|----|----|----|----|
| | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
| m | 0 | 0 | 0 | 0 | -9 | 4 | 0 | -7 | 13 | 3 |
| n | 41 | 63 | 63 | 63 | 83 | 86 | 97 | 72 | 41 | 62 |

Table 6 – Values of variables m and n for ctxIdx from 60 to 69



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FIG 4G

| ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | | ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | |
|--------|-----------------|-----|-------------------------|-----|-----|-----|-----|-----|--------|-----------------|-----|-------------------------|-----|-----|-----|-----|-----|
| | | | 0 | | 1 | | 2 | | | | | 0 | | 1 | | 2 | |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 70 | 0 | 11 | 0 | 45 | 13 | 15 | 7 | 34 | 88 | -11 | 115 | -13 | 108 | -4 | 92 | 5 | 78 |
| 71 | 1 | 55 | -4 | 78 | 7 | 51 | -9 | 88 | 89 | -12 | 63 | -3 | 46 | 0 | 39 | -6 | 55 |
| 72 | 0 | 69 | -3 | 96 | 2 | 80 | -20 | 127 | 90 | -2 | 68 | -1 | 65 | 0 | 65 | 4 | 61 |
| 73 | -17 | 127 | -27 | 126 | -39 | 127 | -36 | 127 | 91 | -15 | 84 | -1 | 57 | -15 | 84 | -14 | 83 |
| 74 | -13 | 102 | -28 | 98 | -18 | 91 | -17 | 91 | 92 | -13 | 104 | -9 | 93 | -35 | 127 | -37 | 127 |
| 75 | 0 | 82 | -25 | 101 | -17 | 96 | -14 | 95 | 93 | -3 | 70 | -3 | 74 | -2 | 73 | -5 | 79 |
| 76 | -7 | 74 | -23 | 67 | -26 | 81 | -25 | 84 | 94 | -8 | 93 | -9 | 92 | -12 | 104 | -11 | 104 |
| 77 | -21 | 107 | -28 | 82 | -35 | 98 | -25 | 86 | 95 | -10 | 90 | -8 | 87 | -9 | 91 | -11 | 91 |
| 78 | -27 | 127 | -20 | 94 | -24 | 102 | -12 | 89 | 96 | -30 | 127 | -23 | 126 | -31 | 127 | -30 | 127 |
| 79 | -31 | 127 | -16 | 83 | -23 | 97 | -17 | 91 | 97 | -1 | 74 | 5 | 54 | 3 | 55 | 0 | 65 |
| 80 | -24 | 127 | -22 | 110 | -27 | 119 | -31 | 127 | 98 | -6 | 97 | 6 | 60 | 7 | 56 | -2 | 79 |
| 81 | -18 | 95 | -21 | 91 | -24 | 99 | -14 | 76 | 99 | -7 | 91 | 6 | 59 | 7 | 55 | 0 | 72 |
| 82 | -27 | 127 | -18 | 102 | -21 | 110 | -18 | 103 | 100 | -20 | 127 | 6 | 69 | 8 | 61 | -4 | 92 |
| 83 | -21 | 114 | -13 | 93 | -18 | 102 | -13 | 90 | 101 | -4 | 56 | -1 | 48 | -3 | 53 | -6 | 56 |
| 84 | -30 | 127 | -29 | 127 | -36 | 127 | -37 | 127 | 102 | -5 | 82 | 0 | 68 | 0 | 68 | 3 | 68 |
| 85 | -17 | 123 | -7 | 92 | 0 | 80 | 11 | 80 | 103 | -7 | 76 | -4 | 69 | -7 | 74 | -8 | 71 |
| 86 | -12 | 115 | -5 | 89 | -5 | 89 | 5 | 76 | 104 | -22 | 125 | -8 | 88 | -9 | 88 | -13 | 98 |
| 87 | -16 | 122 | -7 | 96 | -7 | 94 | 2 | 84 | | | | | | | | | |

Table 7 – Values of variables m and n for ctxIdx from 70 to 104



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FIG 4H

| ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | | ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | |
|--------|-----------------|-----|-------------------------|-----|-----|-----|-----|----|--------|-----------------|-----|-------------------------|----|-----|----|-----|-----|
| | | | 0 | | 1 | | 2 | | | | | 0 | | 1 | | 2 | |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 105 | -7 | 93 | -2 | 85 | -13 | 103 | -4 | 86 | 136 | -13 | 101 | 5 | 53 | 0 | 58 | -5 | 75 |
| 106 | -11 | 87 | -6 | 78 | -13 | 91 | -12 | 88 | 137 | -13 | 91 | -2 | 61 | -1 | 60 | -8 | 80 |
| 107 | -3 | 77 | -1 | 75 | -9 | 89 | -5 | 82 | 138 | -12 | 94 | 0 | 56 | -3 | 61 | -21 | 83 |
| 108 | -5 | 71 | -7 | 77 | -14 | 92 | -3 | 72 | 139 | -10 | 88 | 0 | 56 | -8 | 67 | -21 | 64 |
| 109 | -4 | 63 | 2 | 54 | -8 | 76 | -4 | 67 | 140 | -16 | 84 | -13 | 63 | -25 | 84 | -13 | 31 |
| 110 | -4 | 68 | 5 | 50 | -12 | 87 | -8 | 72 | 141 | -10 | 86 | -5 | 60 | -14 | 74 | -25 | 64 |
| 111 | -12 | 84 | -3 | 68 | -23 | 110 | -16 | 89 | 142 | -7 | 83 | -1 | 62 | -5 | 65 | -29 | -94 |
| 112 | -7 | 62 | 1 | 50 | -24 | 105 | -9 | 69 | 143 | -13 | 87 | 4 | 57 | 5 | 52 | 9 | 75 |
| 113 | -7 | 65 | 6 | 42 | -10 | 78 | -1 | 59 | 144 | -19 | 94 | -6 | 69 | 2 | 57 | 17 | 63 |
| 114 | 8 | 61 | -4 | 81 | -20 | 112 | 5 | 66 | 145 | 1 | 70 | 4 | 57 | 0 | 61 | -8 | 74 |
| 115 | 5 | 56 | 1 | 63 | -17 | 99 | 4 | 57 | 146 | 0 | 72 | 14 | 39 | -9 | 69 | -5 | 35 |
| 116 | -2 | 66 | -4 | 70 | -78 | 127 | -4 | 71 | 147 | -5 | 74 | 4 | 51 | -11 | 70 | -2 | 27 |
| 117 | 1 | 64 | 0 | 67 | -70 | 127 | -2 | 71 | 148 | 18 | 59 | 13 | 68 | 18 | 55 | 13 | 91 |
| 118 | 0 | 61 | 2 | 57 | -50 | 127 | 2 | 58 | 149 | -8 | 102 | 3 | 64 | -4 | 71 | 3 | 65 |
| 119 | -2 | 78 | -2 | 76 | -46 | 127 | -1 | 74 | 150 | -15 | 100 | 1 | 61 | 0 | 58 | -7 | 69 |
| 120 | 1 | 50 | 11 | 35 | -4 | 66 | -4 | 44 | 151 | 0 | 95 | 9 | 63 | 7 | 61 | 8 | 77 |
| 121 | 7 | 52 | 4 | 64 | -5 | 78 | -1 | 69 | 152 | -4 | 75 | 7 | 50 | 9 | 41 | -10 | 66 |
| 122 | 10 | 35 | 1 | 61 | -4 | 71 | 0 | 62 | 153 | 2 | 72 | 16 | 39 | 18 | 25 | 3 | 62 |
| 123 | 0 | 44 | 11 | 35 | -8 | 72 | -7 | 51 | 154 | -11 | 75 | 5 | 44 | 9 | 32 | -3 | 68 |
| 124 | 11 | 38 | 18 | 25 | 2 | 59 | -4 | 47 | 155 | -3 | 71 | 4 | 52 | 5 | 43 | -20 | 81 |
| 125 | 1 | 45 | 12 | 24 | -1 | 55 | -6 | 42 | 156 | 15 | 46 | 11 | 48 | 9 | 47 | 0 | 30 |
| 126 | 0 | 46 | 13 | 29 | -7 | 70 | -3 | 41 | 157 | -13 | 69 | -5 | 60 | 0 | 44 | 1 | 7 |
| 127 | 5 | 44 | 13 | 36 | -6 | 75 | -6 | 53 | 158 | 0 | 62 | -1 | 59 | 0 | 51 | -3 | 23 |
| 128 | 31 | 17 | -10 | 93 | -8 | 89 | 8 | 76 | 159 | 0 | 65 | 0 | 59 | 2 | 46 | -21 | 74 |
| 129 | 1 | 51 | -7 | 73 | -34 | 119 | -9 | 78 | 160 | 21 | 37 | 22 | 33 | 19 | 38 | 16 | 66 |
| 130 | 7 | 50 | -2 | 73 | -3 | 75 | -11 | 83 | 161 | -15 | 72 | 5 | 44 | -4 | 66 | -23 | 124 |
| 131 | 28 | 19 | 13 | 46 | 32 | 20 | 9 | 52 | 162 | 9 | 57 | 14 | 43 | 15 | 38 | 17 | 37 |
| 132 | 16 | 33 | 9 | 49 | 30 | 22 | 0 | 67 | 163 | 16 | 54 | -1 | 78 | 12 | 42 | 44 | -18 |
| 133 | 14 | 62 | -7 | 100 | -44 | 127 | -5 | 90 | 164 | 0 | 62 | 0 | 60 | 9 | 34 | 50 | -34 |
| 134 | -13 | 108 | 9 | 53 | 0 | 54 | 1 | 67 | 165 | 12 | 72 | 9 | 69 | 0 | 89 | -22 | 127 |
| 135 | -15 | 100 | 2 | 53 | -5 | 61 | -15 | 72 | | | | | | | | | |

Table 8 – Values of variables m and n for ctxIdx from 105 to 165



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FIG 4I

| ctxidx | I and SI slices | | Value of cabac_init_idc | | | | | | ctxidx | I and SI slices | | Value of cabac_init_idc | | | | | |
|--------|-----------------|-----|-------------------------|----|-----|-----|----|-----|--------|-----------------|-----|-------------------------|-----|-----|-----|-----|-----|
| | | | 0 | | 1 | | 2 | | | | | 0 | | 1 | | 2 | |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 166 | 24 | 0 | 11 | 28 | 4 | 45 | 4 | 39 | 197 | 26 | -17 | 28 | 3 | 36 | -28 | 28 | -3 |
| 167 | 15 | 9 | 2 | 40 | 10 | 28 | 0 | 42 | 198 | 30 | -25 | 28 | 4 | 38 | -28 | 24 | 10 |
| 168 | 8 | 25 | 3 | 44 | 10 | 31 | 7 | 34 | 199 | 28 | -20 | 32 | 0 | 38 | -27 | 27 | 0 |
| 169 | 13 | 18 | 0 | 49 | 33 | -11 | 11 | 29 | 200 | 33 | -23 | 34 | -1 | 34 | -18 | 34 | -14 |
| 170 | 15 | 9 | 0 | 46 | 52 | -43 | 8 | 31 | 201 | 37 | -27 | 30 | 6 | 35 | -16 | 52 | -44 |
| 171 | 13 | 19 | 2 | 44 | 18 | 15 | 6 | 37 | 202 | 33 | -23 | 30 | 6 | 34 | -14 | 39 | -24 |
| 172 | 10 | 37 | 2 | 51 | 28 | 0 | 7 | 42 | 203 | 40 | -28 | 32 | 9 | 32 | -8 | 19 | 17 |
| 173 | 12 | 18 | 0 | 47 | 35 | -22 | 3 | 40 | 204 | 38 | -17 | 31 | 19 | 37 | -6 | 31 | 25 |
| 174 | 6 | 29 | 4 | 39 | 38 | -25 | 8 | 33 | 205 | 33 | -11 | 26 | 27 | 35 | 0 | 36 | 29 |
| 175 | 20 | 33 | 2 | 62 | 34 | 0 | 13 | 43 | 206 | 40 | -15 | 26 | 30 | 30 | 10 | 24 | 33 |
| 176 | 15 | 30 | 6 | 46 | 39 | -18 | 13 | 36 | 207 | 41 | -6 | 37 | 20 | 28 | 18 | 34 | 15 |
| 177 | 4 | 45 | 0 | 54 | 32 | -12 | 4 | 47 | 208 | 38 | 1 | 28 | 34 | 26 | 25 | 30 | 20 |
| 178 | 1 | 58 | 3 | 54 | 102 | -94 | 3 | 55 | 209 | 41 | 17 | 17 | 70 | 29 | 41 | 22 | 73 |
| 179 | 0 | 62 | 2 | 58 | 0 | 0 | 2 | 58 | 210 | 30 | -6 | 1 | 67 | 0 | 75 | 20 | 34 |
| 180 | 7 | 61 | 4 | 63 | 56 | -15 | 6 | 60 | 211 | 27 | 3 | 5 | 59 | 2 | 72 | 19 | 31 |
| 181 | 12 | 38 | 6 | 51 | 33 | -4 | 8 | 44 | 212 | 26 | 22 | 9 | 67 | 8 | 77 | 27 | 44 |
| 182 | 11 | 45 | 6 | 57 | 29 | 10 | 11 | 44 | 213 | 37 | -16 | 16 | 30 | 14 | 35 | 19 | 16 |
| 183 | 15 | 39 | 7 | 53 | 37 | -5 | 14 | 42 | 214 | 35 | -4 | 18 | 32 | 18 | 31 | 15 | 36 |
| 184 | 11 | 42 | 6 | 52 | 51 | -29 | 7 | 48 | 215 | 38 | -8 | 18 | 35 | 17 | 35 | 15 | 36 |
| 185 | 13 | 44 | 6 | 55 | 39 | -9 | 4 | 56 | 216 | 38 | -3 | 22 | 29 | 21 | 30 | 21 | 28 |
| 186 | 16 | 45 | 11 | 45 | 52 | -34 | 4 | 52 | 217 | 37 | 3 | 24 | 31 | 17 | 45 | 25 | 21 |
| 187 | 12 | 41 | 14 | 36 | 69 | -58 | 13 | 37 | 218 | 38 | 5 | 23 | 38 | 20 | 42 | 30 | 20 |
| 188 | 10 | 49 | 8 | 53 | 67 | -63 | 9 | 49 | 219 | 42 | 0 | 18 | 43 | 18 | 45 | 31 | 12 |
| 189 | 30 | 34 | -1 | 82 | 44 | -5 | 19 | 58 | 220 | 35 | 16 | 20 | 41 | 27 | 26 | 27 | 16 |
| 190 | 18 | 42 | 7 | 55 | 32 | 7 | 10 | 48 | 221 | 39 | 22 | 11 | 63 | 16 | 54 | 24 | 42 |
| 191 | 10 | 55 | -3 | 78 | 55 | -29 | 12 | 45 | 222 | 14 | 48 | 9 | 59 | 7 | 66 | 0 | 93 |
| 192 | 17 | 51 | 15 | 46 | 32 | 1 | 0 | 69 | 223 | 27 | 37 | 9 | 64 | 16 | 56 | 14 | 56 |
| 193 | 17 | 46 | 22 | 31 | 0 | 0 | 20 | 33 | 224 | 21 | 60 | -1 | 94 | 11 | 73 | 15 | 57 |
| 194 | 0 | 89 | -1 | 84 | 27 | 36 | 8 | 63 | 225 | 12 | 68 | -2 | 89 | 10 | 67 | 26 | 38 |
| 195 | 26 | -19 | 25 | 7 | 33 | -25 | 35 | -18 | 226 | 2 | 97 | -9 | 108 | -10 | 116 | -24 | 127 |
| 196 | 22 | -17 | 30 | -7 | 34 | -30 | 33 | -25 | | | | | | | | | |

Table 9 – Values of variables m and n for ctxidx from 166 to 226



FIG 4J

| ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | | ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | |
|--------|-----------------|----|-------------------------|-----|-----|-----|-----|-----|--------|-----------------|-----|-------------------------|----|-----|----|-----|-----|
| | | | 0 | | 1 | | 2 | | | | | 0 | | 1 | | 2 | |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 227 | -3 | 71 | -6 | 76 | -23 | 112 | -24 | 115 | 252 | -12 | 73 | -6 | 55 | -16 | 72 | -14 | 75 |
| 228 | -6 | 42 | -2 | 44 | -15 | 71 | -22 | 82 | 253 | -8 | 76 | 0 | 58 | -7 | 69 | -10 | 79 |
| 229 | -5 | 50 | 0 | 45 | -7 | 61 | -9 | 62 | 254 | -7 | 80 | 0 | 64 | -4 | 69 | -9 | 83 |
| 230 | -3 | 54 | 0 | 52 | 0 | 53 | 0 | 53 | 255 | -9 | 88 | -3 | 74 | -5 | 74 | -12 | 92 |
| 231 | -2 | 62 | -3 | 64 | -5 | 66 | 0 | 59 | 256 | -17 | 110 | -10 | 90 | -9 | 86 | -18 | 108 |
| 232 | 0 | 58 | -2 | 59 | -11 | 77 | -14 | 85 | 257 | -11 | 97 | 0 | 70 | 2 | 66 | -4 | 79 |
| 233 | 1 | 63 | -4 | 70 | -9 | 80 | -13 | 89 | 258 | -20 | 84 | -4 | 29 | -9 | 34 | -22 | 69 |
| 234 | -2 | 72 | -4 | 75 | -9 | 84 | -13 | 94 | 259 | -11 | 79 | 5 | 31 | 1 | 32 | -16 | 75 |
| 235 | -1 | 74 | -8 | 82 | -10 | 87 | -11 | 92 | 260 | -6 | 73 | 7 | 42 | 11 | 31 | -2 | 58 |
| 236 | -9 | 91 | -17 | 102 | -34 | 127 | -29 | 127 | 261 | -4 | 74 | 1 | 59 | 5 | 52 | 1 | 58 |
| 237 | -5 | 67 | -9 | 77 | -21 | 101 | -21 | 100 | 262 | -13 | 86 | -2 | 58 | -2 | 55 | -13 | 78 |
| 238 | -5 | 27 | 3 | 24 | -3 | 39 | -14 | 57 | 263 | -13 | 96 | -3 | 72 | -2 | 67 | -9 | 83 |
| 239 | -3 | 39 | 0 | 42 | -5 | 53 | -12 | 67 | 264 | -11 | 97 | -3 | 81 | 0 | 73 | -4 | 81 |
| 240 | -2 | 44 | 0 | 48 | -7 | 61 | -11 | 71 | 265 | -19 | 117 | -11 | 97 | -8 | 89 | -13 | 99 |
| 241 | 0 | 46 | 0 | 55 | -11 | 75 | -10 | 77 | 266 | -8 | 78 | 0 | 58 | 3 | 52 | -13 | 81 |
| 242 | -16 | 64 | -6 | 59 | -15 | 77 | -21 | 85 | 267 | -5 | 33 | 8 | 5 | 7 | 4 | -6 | 38 |
| 243 | -8 | 68 | -7 | 71 | -17 | 91 | -16 | 88 | 268 | -4 | 48 | 10 | 14 | 10 | 8 | -13 | 62 |
| 244 | -10 | 78 | -12 | 83 | -25 | 107 | -23 | 104 | 269 | -2 | 53 | 14 | 18 | 17 | 8 | -6 | 58 |
| 245 | -6 | 77 | -11 | 87 | -25 | 111 | -15 | 98 | 270 | -3 | 62 | 13 | 27 | 16 | 19 | -2 | 59 |
| 246 | -10 | 86 | -30 | 119 | -28 | 122 | -37 | 127 | 271 | -13 | 71 | 2 | 40 | 3 | 37 | -16 | 73 |
| 247 | -12 | 92 | 1 | 58 | -11 | 76 | -10 | 82 | 272 | -10 | 79 | 0 | 58 | -1 | 61 | -10 | 76 |
| 248 | -15 | 55 | -3 | 29 | -10 | 44 | -8 | 48 | 273 | -12 | 86 | -3 | 70 | -5 | 73 | -13 | 86 |
| 249 | -10 | 60 | -1 | 36 | -10 | 52 | -8 | 61 | 274 | -13 | 90 | -6 | 79 | -1 | 70 | -9 | 83 |
| 250 | -6 | 62 | 1 | 38 | -10 | 57 | -8 | 66 | 275 | -14 | 97 | -8 | 85 | -4 | 78 | -10 | 87 |
| 251 | -4 | 65 | 2 | 43 | -9 | 58 | -7 | 70 | | | | | | | | | |

Table 10 – Values of variables m and n for ctxIdx from 227 to 275

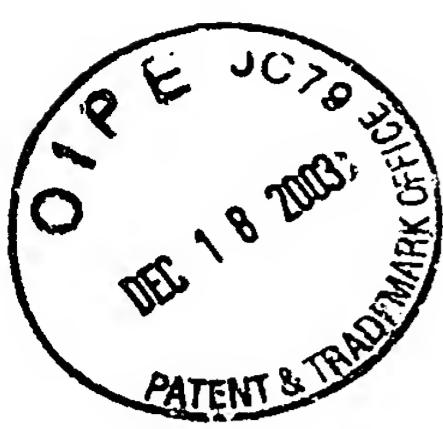


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FIG 4K

| ctxIdx | I and SI slices | | Value of cabac_init_idx | | | | | | ctxIdx | I and SI slices | | Value of cabac_init_idx | | | | | |
|--------|-----------------|-----|-------------------------|-----|-----|-----|-----|-----|--------|-----------------|----|-------------------------|----|-----|----|-----|----|
| | | | 0 | | 1 | | 2 | | | | | 0 | | 1 | | 2 | |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 277 | -6 | 93 | -13 | 106 | -21 | 126 | -22 | 127 | 308 | -16 | 96 | -1 | 51 | -16 | 77 | -10 | 67 |
| 278 | -6 | 84 | -16 | 106 | -23 | 124 | -25 | 127 | 309 | -7 | 88 | 7 | 49 | -2 | 64 | 1 | 68 |
| 279 | -8 | 79 | -10 | 87 | -20 | 110 | -25 | 120 | 310 | -8 | 85 | 8 | 52 | 2 | 61 | 0 | 77 |
| 280 | 0 | 66 | -21 | 114 | -26 | 126 | -27 | 127 | 311 | -7 | 85 | 9 | 41 | -6 | 67 | 2 | 64 |
| 281 | -1 | 71 | -18 | 110 | -25 | 124 | -19 | 114 | 312 | -9 | 85 | 6 | 47 | -3 | 64 | 0 | 68 |
| 282 | 0 | 62 | -14 | 98 | -17 | 105 | -23 | 117 | 313 | -13 | 88 | 2 | 55 | 2 | 57 | -5 | 78 |
| 283 | -2 | 60 | -22 | 110 | -27 | 121 | -25 | 118 | 314 | 4 | 66 | 13 | 41 | -3 | 65 | 7 | 55 |
| 284 | -2 | 59 | -21 | 106 | -27 | 117 | -26 | 117 | 315 | -3 | 77 | 10 | 44 | -3 | 66 | 5 | 59 |
| 285 | -5 | 75 | -18 | 103 | -17 | 102 | -24 | 113 | 316 | -3 | 76 | 6 | 50 | 0 | 62 | 2 | 65 |
| 286 | -3 | 62 | -21 | 107 | -26 | 117 | -28 | 118 | 317 | -6 | 76 | 5 | 53 | 9 | 51 | 14 | 54 |
| 287 | -4 | 58 | -23 | 108 | -27 | 116 | -31 | 120 | 318 | 10 | 58 | 13 | 49 | -1 | 66 | 15 | 44 |
| 288 | -9 | 66 | -26 | 112 | -33 | 122 | -37 | 124 | 319 | -1 | 76 | 4 | 63 | -2 | 71 | 5 | 60 |
| 289 | -1 | 79 | -10 | 96 | -10 | 95 | -10 | 94 | 320 | -1 | 83 | 6 | 64 | -2 | 75 | 2 | 70 |
| 290 | 0 | 71 | -12 | 95 | -14 | 100 | -15 | 102 | 321 | -7 | 99 | -2 | 69 | -1 | 70 | -2 | 76 |
| 291 | 3 | 68 | -5 | 91 | -8 | 95 | -10 | 99 | 322 | -14 | 95 | -2 | 59 | -9 | 72 | -18 | 86 |
| 292 | 10 | 44 | -9 | 93 | -17 | 111 | -13 | 106 | 323 | 2 | 95 | 6 | 70 | 14 | 60 | 12 | 70 |
| 293 | -7 | 62 | -22 | 94 | -28 | 114 | -50 | 127 | 324 | 0 | 76 | 10 | 44 | 16 | 37 | 5 | 64 |
| 294 | 15 | 36 | -5 | 86 | -6 | 89 | -5 | 92 | 325 | -5 | 74 | 9 | 31 | 0 | 47 | -12 | 70 |
| 295 | 14 | 40 | 9 | 67 | -2 | 80 | 17 | 57 | 326 | 0 | 70 | 12 | 43 | 18 | 35 | 11 | 55 |
| 296 | 16 | 27 | -4 | 80 | -4 | 82 | -5 | 86 | 327 | -11 | 75 | 3 | 53 | 11 | 37 | 5 | 56 |
| 297 | 12 | 29 | -10 | 85 | -9 | 85 | -13 | 94 | 328 | 1 | 68 | 14 | 34 | 12 | 41 | 0 | 69 |
| 298 | 1 | 44 | -1 | 70 | -8 | 81 | -12 | 91 | 329 | 0 | 65 | 10 | 38 | 10 | 41 | 2 | 65 |
| 299 | 20 | 36 | 7 | 60 | -1 | 72 | -2 | 77 | 330 | -14 | 73 | -3 | 52 | 2 | 48 | -6 | 74 |
| 300 | 18 | 32 | 9 | 58 | 5 | 64 | 0 | 71 | 331 | 3 | 62 | 13 | 40 | 12 | 41 | 5 | 54 |
| 301 | 5 | 42 | 5 | 61 | 1 | 67 | -1 | 73 | 332 | 4 | 62 | 17 | 32 | 13 | 41 | 7 | 54 |
| 302 | 1 | 48 | 12 | 50 | 9 | 56 | 4 | 64 | 333 | -1 | 68 | 7 | 44 | 0 | 59 | -6 | 76 |
| 303 | 10 | 62 | 15 | 50 | 0 | 69 | -7 | 81 | 334 | -13 | 75 | 7 | 38 | 3 | 50 | -11 | 82 |
| 304 | 17 | 46 | 18 | 49 | 1 | 69 | 5 | 64 | 335 | 11 | 55 | 13 | 50 | 19 | 40 | -2 | 77 |
| 305 | 9 | 64 | 17 | 54 | 7 | 69 | 15 | 57 | 336 | 5 | 64 | 10 | 57 | 3 | 66 | -2 | 77 |
| 306 | -12 | 104 | 10 | 41 | -7 | 69 | 1 | 67 | 337 | 12 | 70 | 26 | 43 | 18 | 50 | 25 | 42 |
| 307 | -11 | 97 | 7 | 46 | -6 | 67 | 0 | 68 | | | | | | | | | |

Table 11 – Values of variables m and n for ctxIdx from 277 to 337



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FIG 4L

| ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | | ctxIdx | I and SI slices | | Value of cabac_init_idc | | | | | |
|--------|-----------------|-----|-------------------------|-----|----|-----|----|-----|--------|-----------------|-----|-------------------------|----|----|-----|-----|-----|
| | | | 0 | 1 | 2 | 0 | 1 | 2 | | | | 0 | 1 | 2 | 0 | 1 | 2 |
| | m | n | m | n | m | n | m | n | | m | n | m | n | m | n | m | n |
| 338 | 15 | 6 | 14 | 11 | 19 | -6 | 17 | -13 | 369 | 32 | -26 | 31 | -4 | 40 | -37 | 37 | -17 |
| 339 | 6 | 19 | 11 | 14 | 18 | -6 | 16 | -9 | 370 | 37 | -30 | 27 | 6 | 38 | -30 | 32 | 1 |
| 340 | 7 | 16 | 9 | 11 | 14 | 0 | 17 | -12 | 371 | 44 | -32 | 34 | 8 | 46 | -33 | 34 | 15 |
| 341 | 12 | 14 | 18 | 11 | 26 | -12 | 27 | -21 | 372 | 34 | -18 | 30 | 10 | 42 | -30 | 29 | 15 |
| 342 | 18 | 13 | 21 | 9 | 31 | -16 | 37 | -30 | 373 | 34 | -15 | 24 | 22 | 40 | -24 | 24 | 25 |
| 343 | 13 | 11 | 23 | -2 | 33 | -25 | 41 | -40 | 374 | 40 | -15 | 33 | 19 | 49 | -29 | 34 | 22 |
| 344 | 13 | 15 | 32 | -15 | 33 | -22 | 42 | -41 | 375 | 33 | -7 | 22 | 32 | 38 | -12 | 31 | -16 |
| 345 | 15 | 16 | 32 | -15 | 37 | -28 | 48 | -47 | 376 | 35 | -5 | 26 | 31 | 40 | -10 | 35 | 18 |
| 346 | 12 | 23 | 34 | -21 | 39 | -30 | 39 | -32 | 377 | 33 | 0 | 21 | 41 | 38 | -3 | 31 | 28 |
| 347 | 13 | 23 | 39 | -23 | 42 | -30 | 46 | -40 | 378 | 38 | 2 | 26 | 44 | 46 | -5 | 33 | 41 |
| 348 | 15 | 20 | 42 | -33 | 47 | -42 | 52 | -51 | 379 | 33 | 13 | 23 | 47 | 31 | 20 | 36 | 28 |
| 349 | 14 | 26 | 41 | -31 | 45 | -36 | 46 | -41 | 380 | 23 | 35 | 16 | 65 | 29 | 30 | 27 | 47 |
| 350 | 14 | 44 | 46 | -28 | 49 | -34 | 52 | -39 | 381 | 13 | 58 | 14 | 71 | 25 | 44 | 21 | 62 |
| 351 | 17 | 40 | 38 | -12 | 41 | -17 | 43 | -19 | 382 | 29 | -3 | 8 | 60 | 12 | 48 | 18 | 31 |
| 352 | 17 | 47 | 21 | 29 | 32 | 9 | 32 | 11 | 383 | 26 | 0 | 6 | 63 | 11 | 49 | 19 | 26 |
| 353 | 24 | 17 | 45 | -24 | 69 | -71 | 61 | -55 | 384 | 22 | 30 | 17 | 65 | 26 | 45 | 36 | 24 |
| 354 | 21 | 21 | 53 | -45 | 63 | -63 | 56 | -46 | 385 | 31 | -7 | 21 | 24 | 22 | 22 | 24 | 23 |
| 355 | 25 | 22 | 48 | -26 | 66 | -64 | 62 | -50 | 386 | 35 | -15 | 23 | 20 | 23 | 22 | 27 | 16 |
| 356 | 31 | 27 | 65 | -43 | 77 | -74 | 81 | -67 | 387 | 34 | -3 | 26 | 23 | 27 | 21 | 24 | 30 |
| 357 | 22 | 29 | 43 | -19 | 54 | -39 | 45 | -20 | 388 | 34 | 3 | 27 | 32 | 33 | 20 | 31 | 29 |
| 358 | 19 | 35 | 39 | -10 | 52 | -35 | 35 | -2 | 389 | 36 | -1 | 28 | 23 | 26 | 28 | 22 | 41 |
| 359 | 14 | 50 | 30 | 9 | 41 | -10 | 28 | 15 | 390 | 34 | 5 | 28 | 24 | 30 | 24 | 22 | 42 |
| 360 | 10 | 57 | 18 | 26 | 36 | 0 | 34 | 1 | 391 | 32 | 11 | 23 | 40 | 27 | 34 | 16 | 60 |
| 361 | 7 | 63 | 20 | 27 | 40 | -1 | 39 | 1 | 392 | 35 | 5 | 24 | 32 | 18 | 42 | 15 | 52 |
| 362 | -2 | 77 | 0 | 57 | 30 | 14 | 30 | 17 | 393 | 34 | 12 | 28 | 29 | 25 | 39 | 14 | 60 |
| 363 | -4 | 82 | -14 | 82 | 28 | 26 | 20 | 38 | 394 | 39 | 11 | 23 | 42 | 18 | 50 | 3 | 78 |
| 364 | -3 | 94 | -5 | 75 | 23 | 37 | 18 | 45 | 395 | 30 | 29 | 19 | 57 | 12 | 70 | -16 | 123 |
| 365 | 9 | 69 | -19 | 97 | 12 | 55 | 15 | 54 | 396 | 34 | 26 | 22 | 53 | 21 | 54 | 21 | 53 |
| 366 | -12 | 109 | -35 | 125 | 11 | 65 | 0 | 79 | 397 | 29 | 39 | 22 | 61 | 14 | 71 | 22 | 56 |
| 367 | 36 | -35 | 27 | 0 | 37 | -33 | 36 | -16 | 398 | 19 | 66 | 11 | 86 | 11 | 83 | 25 | 61 |
| 368 | 36 | -34 | 28 | 0 | 39 | -36 | 37 | -14 | | | | | | | | | |

Table 12 – Values of variables m and n for ctxIdx from 338 to 398

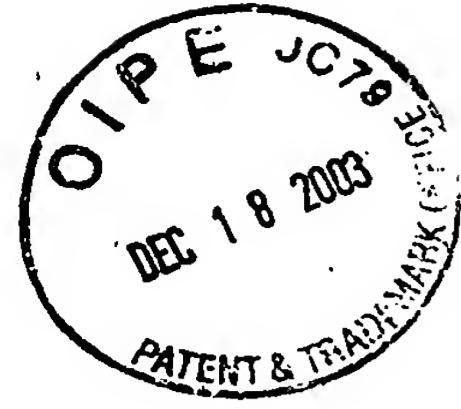


FIG 5

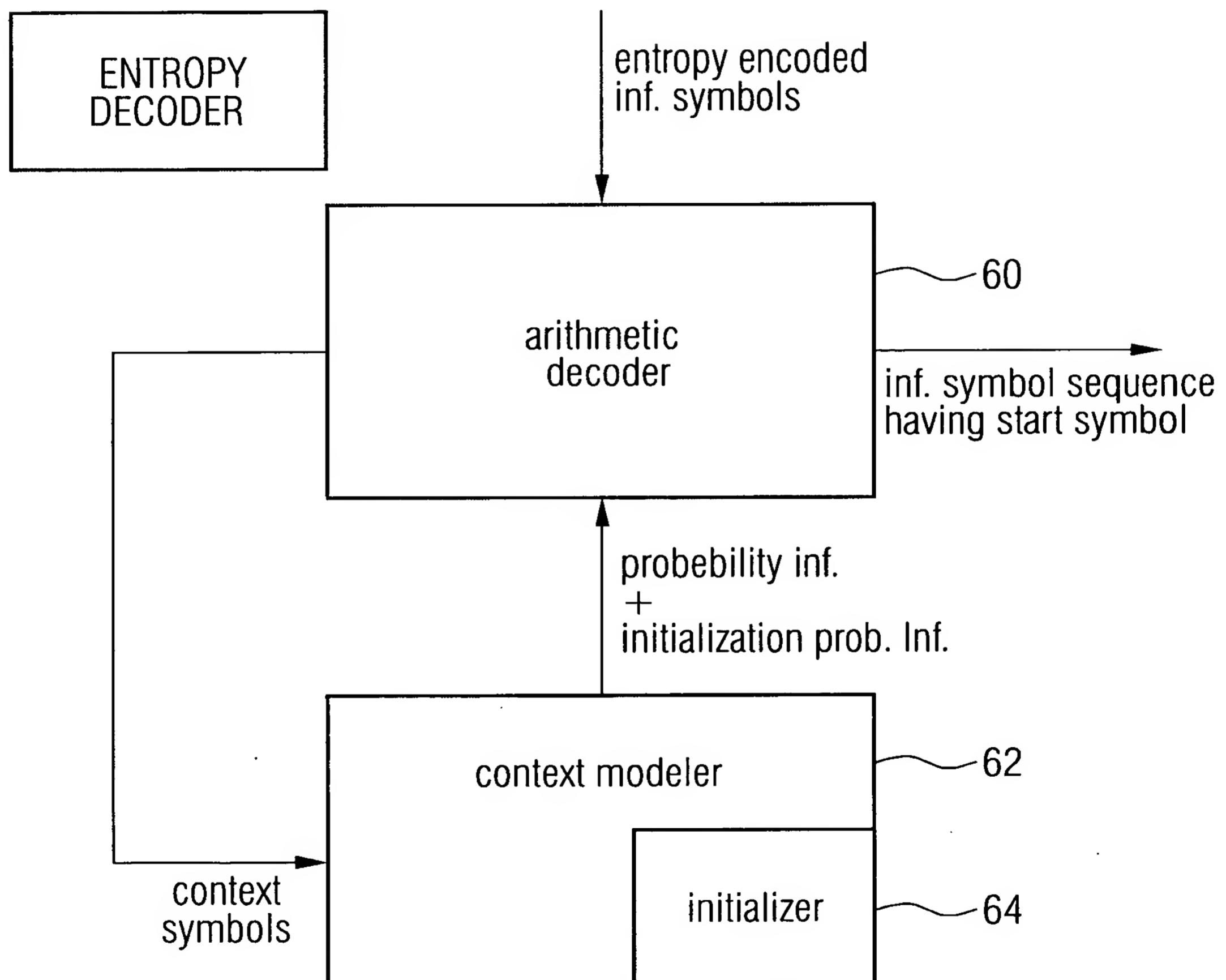
| data types | Table-No. | Slice type | | | |
|--|-----------|---------------------|---------------------|---------------------|---------------------|
| | | S1 | I | P, SP | B |
| slice types | 2,3 | | | 11-13 | 24-26 |
| | 7 | 70-72 | 70-72 | 70-72 | 70-72 |
| macroblock layer control data | 1,2,3 | 0-10 | 3-10 | 14-20 | 27-35 |
| | 7 | 73-76 | 73-76 | 73-76 | 73-76 |
| | 7 | 77-84 | 77-84 | 77-84 | 77-84 |
| | 6 | 60-63 | 60-63 | 60-63 | 60-63 |
| macroblock prediction data | 6 | 68 | 68 | 68 | 68 |
| | 6 | 69 | 69 | 69 | 69 |
| | 6 | 64-67 | 64-67 | 64-67 | 64-67 |
| additional prediction data | 5 | | | 54-59 | 54-59 |
| | 5 | | | | 54-59 |
| | 4 | | | 40-46 | 40-46 |
| | 4 | | | | 40-46 |
| | 4 | | | 47-53 | 47-53 |
| | 4 | | | | 47-53 |
| | 2,3 | | | 21-23 | 36-39 |
| residual data | 7 | 85-104 | 85-104 | 85-104 | 85-104 |
| | 8,11 | 105-165, 277-337 | 105-165, 277-337 | 105-165, 277-337 | 105-165, 277-337 |
| | 9,12 | 166-226, 338-398 | 166-226, 338-398 | 166-226, 338-398 | 166-226, 338-398 |
| | 10 | 227-275 | 227-275 | 227-275 | 227-275 |

ctxIdx
values



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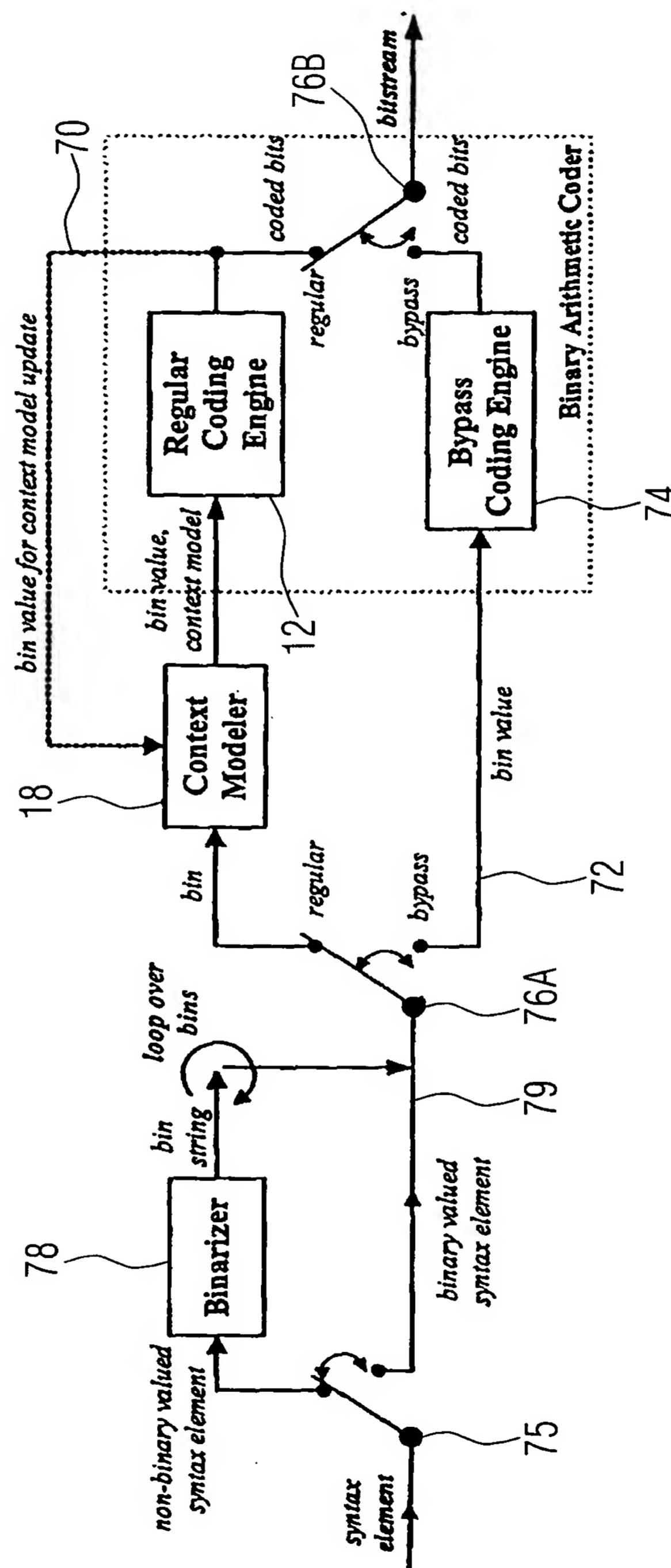
FIG 6





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FIG 7





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FIG 8

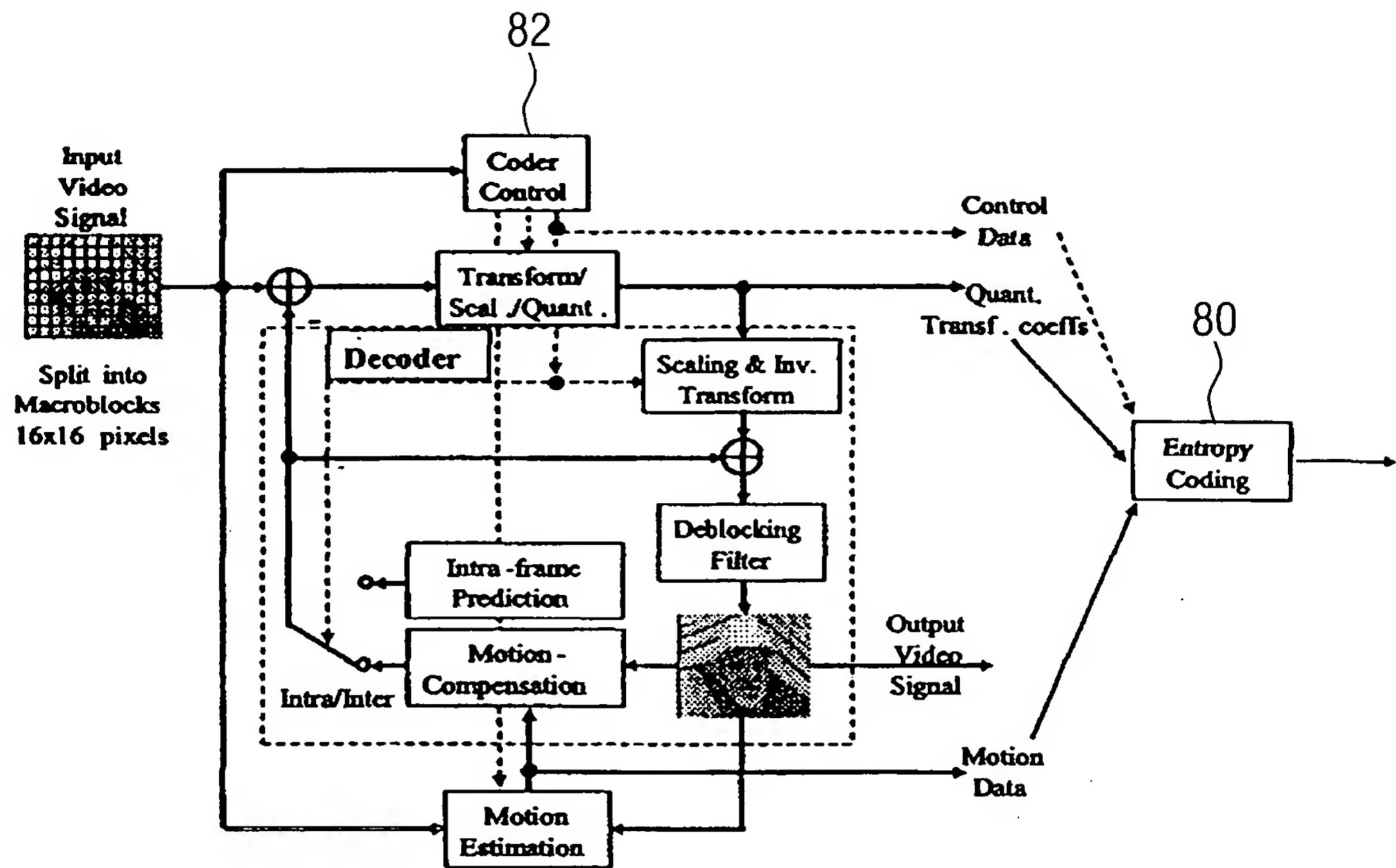


FIG 9

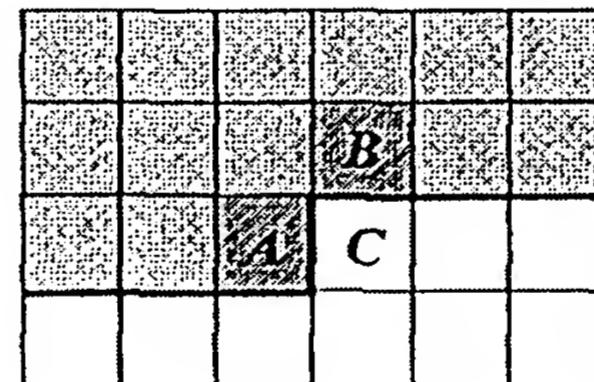


FIG 10

